FIRST & Final

Orginal/Duplicate/Triplicate

AEE/TDSD/SBR/98/18-19 Dt 14.01.2019

CONTRACT CERTIFICATE

(For other works)

No.....

Date:.....

Division: **Dasarahalli**

Sub-Division:

Bill Received No.....Dated.....Cash Book Vocher No.....Dated.....

Scheduled Docket No.....

Head of Account...P 1802

Name of work (as Per Sanctioned Estimate.): **Providing and Sinking of Borewells pump motor and water supply lines in ward no. 15 T. Dasarahalli.**

Name of Contractor and Full Address: : **Technical Manager, (west), KRIDL,**

Reference to Agreement No: **EE//DD/WO/ 41/18-19**

Certified that the measurements were taken by me on 10/01/2019 and recorded in pages 63938 to 63951

Measurements Book No. 6 no of 17-18 .... and that the work is satisfaction executed

Contractor Signature.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer-in-charge of work.

Certified that the measurements were taken by me on 10.01.2019 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಾಗಲಗುಂಟೆ ಉಪ-ವಿಭಾಗ
ಬೆಂಗಳೂರು

If Memorandum of Payment **Work Code No. 15-18-000006** Sub – Division Officer

		Amount
1	Total Value of work done or supplies made as per account. 1st and Finall Bill → 399032=00	
2	Deduct amount to be held in reserve being ..... Percent Rs.	
3	Deduct amount to be held in reserve being balance	
4.	Deduct payments:	
	a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No.....	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5	Balance being unpaid value of work done held in reserve	
6	Deduct cash advance made on the office cash book vehicle No..... Dated..... Less adjustments	
7	Net amount due to or from contractor	
8	Unadjusted items Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. Government materials supplied.	

IT → 7982 1=00
LWC → 39910=00
FSD → 19955 2=00 → 394542
CBF → 3991=00
CGST → 35634=00
SGST → 35634=00
Total.....

Net Amount → 3596490=00

Contractor Signature.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs.....(in wards).....

.....

By cash and by adjustment of payment as per memorandam.

Witnesses:

1

2

(for use in the office)

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Audited and admitted for Rs. 399032=00

Passed for Rs. 3596490=00

(.....)

Signature of Contractor.

by adjustment Rs. 394542=00

Date:.....

Paid by me by cheque..... Dated.....

Cash Rs..... Dated.....

Initials of Officer making payment dated.....

Accounts Superintendent

Signature Executive Engineer

Sl. No.	Description of Items	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
			Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the Habitation either through the hand pump, MWS O PWSS by vertical electrical sounding by adopting veneer or Schlumbergers's method, including reconnaissance survey of Geological formation, Geophysical investigation of existing ground water in the vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc.	Each								
		Each	—	—	—	5.0	1882.00	9410=00	5.0	9410=00
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burdern upto 20 M. fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimu working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,)									
		Mtr	—	—	—	250.0	315.18	78795.0	250.0	78795.0
		Mtr	—	—	—	250.0	412.60	103150.0	250.0	103150.0
		Mtr	—	—	—	250.0	458.35	114587.0	250.0	114587.0
		Mtr	—	—	—	250.0	484.10	121025.0	250.0	121025.0
		Mtr	—	—	—	250.0	560.32	140080.0	250.0	140080.0
		Mtr	—	—	—	250.0	600.00	150000.0	250.0	150000.0
		Mtr	—	—	—	150.0	640.60	96090.0	150.0	96090.0
		Mtr	—	—	—					803727=00
3	Supplying of ISI Mark 175mm Nominal bore medium black ERW casing pipe of 5mm thick black electric resistance ontinous welded midle steel tube material confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxyzen process in random length of 4 to 7 Mts, Both ends threaded confirming to IS 554/1985, one end fixed with a socket confirming to IS 4270:2001 and the other end with screwed pipes. all pipes shall be reasonably straight should be with ISI making, welding, weighing 25.10 kg/mtr (icnlusive of all taxes and duties) Prices include collar medium duty	Mtr	—	—	—	276.0	1325.00	365700.0	276.0	365700.0
4	Providing and fixing 250mm dia PVC pipe and as per specification and direction	~~Each~~ Mtr	—	—	—	72.0	1133.00	81576.0	72.0	81576.00
5	175 mm dia MS Casing cap	Each	—	—	—	4.0	100.00	400=00	4.0	400=00
6	Supplying of 175mm M S collar each	Each	—	—	—	48.0	150.00	7200=00	48.0	7200=00
7	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps **PWD SR 2015-16 P. XXXX Item No. 24 including of all taxes**	Set	—	—	—	6.0	69334.60	416008=00	6.0	416,008=00
8	Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 140mm outside diameter with special flange, compression type fittings, wall clips, make good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. (P-93 & 13.70.6)	Rmt	—	—	—	1160.0	540.60	627096.0	1160.0	627096=00

9	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of **GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 4 Sqm mm KPWD Electrical SR 2014-15**	Mtr	—	—	—	2320.0	164.29	381141.0 381153=00	2320.0	381141=00 381153=00
10	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 12.5 HP to 15 HP Star Delta Starter SERDED Rate	No	—	—	—	4.0	14800.00	59200=00	4.0	59200=00
11	Fabricating supplying and mounting MS box made out 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete(300*300*150*mm) Dimension (41/38-a) 6swg.	Sqm/ Cmtr	—	—	—	88000.0	0.34	29920=00 29911=00	88000.0	29920=00 29911=00
12	Providing & Fixing of clamps set and borwell cap to the pump	Nos	—	—	—	4.0	690.00	2760=00	4.0	2760=00
13	Supply & delivery of brand new best make Gate Value of size 50mm as per IS:778/84 with latest amendemtns with ISI mark/50mm Gate wheel value	Nos	—	—	—	4.0	1213.70	4855=00	4.0	4855=00
14	Supplying and delivery of brand new best mae Gate valve of sze 50 as per IS: 778/84 with latest amendement with ISI makr 50mm Gate Vale for distributer pipeline 50 mm dia.	Nos	—	—	—	4.0	1696.00	6784=00	4.0	6784=00
15	Providing and fixing of 50mm of Short bend to motor PWE SR: 2014-15 P. No 01. piep fittings	Nos	—	—	—	4.0	232.14	929=00	4.0	929=00
16	Providing and fixing of 50mm of Short bend to motor	Nos	—	—	—	4.0	237.12	948=00	4.0	948=00
17	Supplying * fixing of 50mm of Elbow	Noa	—	—	—	4.0	111.80	447=00	4.0	447=00
18	Labour charges for erection fo new/repaired submersible pumpset along with of pipes (32/50mm cable (new) submersible pumpset if required will be supplied by the deparmtent free of cost and released pump set should be handed over to department including transporation	er Length ৰতীয়া	—	—	—	200.0	90.64	18128=00	200.0	18128=00
19	Erection of combined pannel board meter board with all necessary materials and labour including providng CC 1:3:6 foundation bed etc., complete for basement out door	Nos	—	—	—	4.0	475.00	1900=00	4.0	1900=00
20	Supplying and fixing of L. T. U. G Cab le having aluminium conductor PVC insulated shethed galvanised steel wire/ steel tape aroured cable with PVC outer sheathign 1.1 K. V class 4 core 16 sqmm cable	Nos	—	—	—	4.0	906.40	3626=00	4.0	3626=00
21	Supplying and laying of L. T. U. G Cable haivng aluminium conductor PVC insulated shethed galvanised steel wire/steel tape aroured cable with PVC outer sheath 1.1 KV class & core 16 sqmm cable	Mtr	—	—	—	180.0	169.95	30591=00	180.0	30591=00
22	Digging of Trenches of 0.6 mm x 0.50 Mtrs wide refiling the trench to the required ground level and consolidating etc., complete sutting road surface	Mtr	—	—	—	18.0	56.65	10197=00	18.0	10197=00
23	Supplying and fixing clas A of pie on pole/ wall /drain crossing with ncessary Clamping arrangements for UG Cable of 1.1 KV clas 40mm	Mtr	—	—	—	12.0	249.26	2991=00	12.0	2991=00

24	Supplying and fixing earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and check nuts etc,. the pipe shall	Nos	—	—	—	4.0	1699.50	6798=00	4.0	6798=00
25	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmm UG cable filled with necessary bitumen/ insulting compound complete with terminals, clamps bolts nuts and washers etc.	Nos	—	—	—	4.0	271.92	1088=00	4.0	1088=00
26	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's.	Nos	—	—	—	4.0	1350.00	5400=00	4.0	5400=00
27	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all read and lift etc,. Complete. 50mm dia.	Nos	—	—	—	12.0	1526.40	18317=00	12.0	18317=00
28	Supplying and fixing of polished wood board made of note less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 * 20 * 25 inches.	Nos	—	—	—	4.0	311.58	1246=00	4.0	1246=00
29	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavates soil clear from edges of excavation with lead up to 50m after breaking of clods complete as per specifications.	Cum	—	—	—	637.2	299.98	191147=00	637.2	191147=00
30	providing and installation at site of works P.V.C. Pipes 75mm Dia 6 KSC including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15am with grave or selected earth available from the excavation Etc.	Mtr	—	—	—	1580.0	184.44	291415=00	1580.0	291415=00
31	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead up to 50m and left up to 1.5m including cost of all labour complete as per specifications.	Cum	—	—	—	637.2	80.56	51333.0	637.2	51333=00
32	. providing and supplying water through water tanks of capacity 6000 lts on Higher Basis everyday from 6.00 A.M to 6.00 P.M as per the direction of the Engineer of the work higher charges will be inclusive desile, oil, spare parts and other consumables inclusive of Driver and etc.	~~Days~~ Loads	—	—	—	212	515.00	109180=00	212	109180=00
33	KPTCL Deposit charges.	Each	—	—	—	4.0	14000.00	56000=00	4.0	56000=00
34	Bore well registration charges per Rs 1000 each for BWSSB	Each	—	—	—	4.0	1000.00	4000=00	4.0	4000=00
								Rs 360144=00		Rs 360144=00
	KRIDL Charges 11.1. Total Bill Amount Rs						→	396159.37		396159=00
								Rs=3997608=00		Rs=3997608=00

3541470=00
389562=00
396103=00
3991032=00

CERTIFICATE

1 This is to certify that the contractor has completed the work satisfactorily.
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the coveying the debries.
4 There are no departmental issues for the above work.

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ಬಿ ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು